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ABSTRACT

The document examines the adult population of New York State demographically in terms of potential participation in postsecondary continuing education. Information is divided into four sections of supplemental data. Section one, New York State Population, discusses the general characteristics of the adult population (those 25 and over). Section two, Educational Levels, state that less than 12 years of schooling has been received by 47 percent of the State population, with 31 percent receiving 12 years of schooling, and 22 percent having 13 or more years of education. Potential participants in the educational programs number 3.5 million. Section three, Specific Populations to Be Served by Postsecondary Continuing Education, examines women, senior citizens, and the educationally and economically disadvantaged. It is stated that this last group is in the most need of, and least represented in, continuing education programs. Section four, Summary of Report, presents the specific group statistics. Federal census data and estimated adult learning audience for New York State (1970), a list of 1974 New York State legislative bills concerning senior citizen education, two tables regarding New York State's economically disadvantaged, data on the Higher Education Act of 1965, and a legislative memorandum regarding program support are appended. (LH)

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THE DEMOGRAPHY OF THE NEW YORK POPULATION OF EDUCATIONALLY AND ECONOMICALLY DISADVANTAGED ADULTS

Revised, June, 1975

The University of the State of New York
The State Education Department
Bureau of Post-Secondary Continuing Education
Albany, N.Y. 12230

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FOREWORD

The following report was prepared for a number of reasons. First of all, there was a need for the Bureau of Post-Secondary Continuing Education to obtain an immediate overview of the dimensions of the educationally and economically disadvantaged populations as supportive data for a legislative proposal submitted through Department channels for possible action during the 1975 session. (Ultimately, a decision was made not to forward such proposal.) Secondly, the report was seen as providing further information for the staff paper, "Post-Secondary Continuing Education," presented to the Regents at their November, 1973 meeting. Thirdly, it was intended that such a report could provide a kind of framework for a more comprehensive study proposed by the State Advisory Council on Post-Secondary Continuing Education in January, 1974. Further, it was felt that such a report would provide useful direction to the Priority II, Title I, H.E.A. 1965 regional project administrators as they gathered information on needs and resources, which is to become the basis for the 1976 master plan for post-secondary continuing education to be formulated by the Bureau. Additionally, the report has served as a ready reference for responses to questions frequently asked about economically and educationally disadvantaged adults. Finally, the report has served to confirm the selection of priorities for the Annual Amendment to the Statewide Plan for Title I of the Higher Education Act of 1965.

This report was prepared by Lucy T. Comly, special consultant to the Bureau of Post-Secondary Continuing Education, and was edited by Frank E. Hobson, Jr., Chief of the Bureau.

ABSTRACT

Experiences of the Department's Title I, H.E.A. 1965 staff and information gathered by the writer of this report confirm that that segment of New York State's adult population which is classified as "economically disadvantaged" is, also, educationally disadvantaged. Reports compiled by the administrators of such programs as HEOP, EOP, SEEK, and Title I, H.E.A. 1965 also clearly demonstrate that those economically and educationally disadvantaged adults, when provided the opportunity for post-secondary education, take fuller advantage of it than the traditional, regularly-enrolled student and frequently become productive participants in our socio-economic system. While this report does not take the position that all of the people, aged 25 and over, in New York State are properly motivated and able to profit by exposure to post-secondary learning, it does show that, currently, upwards of 3,500,000 individuals would be likely to find such exposure useful and suggests that at least 2,000,000 would be women and senior citizens--two groups whose potential remains seriously underutilized. For a full discussion of yet another largely bypassed population, Vietnam veterans, the reader is referred to a special report, also prepared by Dr. Comly, entitled, "The New York State Vietnam Veteran: His Immediate and Continuing Needs in Post-Secondary Education."

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THE DEMOGRAPHY OF THE NEW YORK POPULATION OF EDUCATIONALLY AND ECONOMICALLY DISADVANTAGED ADULTS

I. Introduction

A large potential population for post-secondary continuing education exists in New York State, the majority of whom is not presently being served by institutional programs. New York State, in 1970, had 4.9 million adults, age 25 and over, who had less than a high school education and are, therefore, classified as educationally disadvantaged.* The majority of these adults (4.2 million) are white. An additional 3.25 million adults, age 25 and over, reside in New York State who have only completed high school.

Programs such as HEOP, EOP, and SEEK and the Federal Title I, H.E.A. 1965, have been established to meet the special post-secondary needs of these citizens, particularly those in minority groups. However, most of the students in the HEOP, EOP, and SEEK programs are under 25; 65% are black and very few are part-time students. In 1973-74, these State and Federal programs supported 27,600 individuals, a truly miniscule portion of those who might participate in, and benefit from, further post-secondary education.

For the educationally and economically disadvantaged adult population in New York State, special programs, like those sponsored under Title I, H.E.A. 1965, have already demonstrated their need to be continued and expanded. The Priority I programs of study, under Title I, have a two-fold purpose. The first is community service education: providing training for leadership and for effective performance in community agencies, especially in urban ghetto areas. The second purpose of Title I, Priority I, programs has been that of providing post-secondary education to disadvantaged adults who, otherwise, would not have had such opportunity. Some participants transfer to two- or four-year college degree programs after successful completion of Title I credit courses. In 1973, the completion rate for participants in Title I programs was 90%, a remarkable record, considering that 21% of the students had only a junior high school education (See Appendix A.--3 and 4.)

All Priority I programs, under Title I, are of the institutional aid form and provide tuition-free, part-time credit studies for the educationally or economically disadvantaged at an average total cost of less than $400 per participant. Priority II, Title I, monies provide funding for the development of a regionally-based, Statewide program and Master Plan for assessing all post-secondary education resources,

*Nearly 2 million persons in New York State live at the poverty level; many of these are educationally disadvantaged.

as well as adult participation and needs. Thus the two priorities are designed to serve the State's total adult population although, realistically, about one-third of the 10.42 million adults, 25 or over, or 3.5 million, could be expected to be eligible and motivated to participate in post-secondary continuing education offerings. Still, this group is a considerable segment of the voting and tax-paying population.

Thus it becomes critically imperative that special effort be continued to assure that higher education opportunities are accessible to all New York State citizens who may benefit. By encouraging the adult population to participate in higher education, the State stands to benefit from the increased earning capacity and knowledge resources of its citizens.

II. New York State Population

Of the 18,236,951 New York State residents (1970 Census), 10,418,555 are 25 and over* (57% of the total New York State population); 8,161,135 are 35 and over. (See Appendix A.--1 and 2.)

The New York State Office of Planning Services estimates that the 1970 population of 8.975,547 individuals between the ages of 19 and 60 will grow to:

9,429,584 by 1975;
10,058,035 by 1980.

III. Educational Levels

A. General

Of the total New York State adult population, age 25 and over, 47% have received less than 12 years of schooling, 31% have received 12 years of schooling, and 22% have had 13 or more years of school (Table I and Appendix A.--3 and 4.) A greater percentage of the Black or Puerto Rican populations received less than 12 years of school (60% and 79% respectively) compared to Whites (45%); however, 85% of all adults who received less than 12 years of schooling in New York State are white (4.2 or 4.9 million).

*In the 25 and over population, 88.7% are white, 10.4% are Black, 0.04% are Puerto Rican, and 0.01% are other races.

Table I

Educational Attainment of Persons 25 Years of Age and Older, 1970, New York State

Years School Completed	Total	White	Black	Other Races	Puerto Rican
Total, 25 and Over:	10,418,555	9,237,969	1,076,959	103,627	370,090
Less than 8 Years:	1,552,365 14.9%	1,284,078 13.9%	248,778 23.1%	38,808 27.8%	156,178 42.2%
8 Years:	1,354,412 13.0%	1,219,412 12.2%	117,389 10.9%	8,601 8.3%	49,962 13.5%
9 to 11 Years:	2,021,200 19.4%	1,727,500 18.7%	283,240 26.3%	14,093 13.6%	86,601 23.4%
12 Years:	3,250,589 31.2%	2,919,198 31.6%	312,318 29.0%	19,689 19.0%	62,915 17.0%
13 to 15 Years:	1,000,181 9.6%	914,559 9.9%	70,002 6.5%	8,497 8.2%	9,992 2.7%
16 and Over:	1,239,808 11.9%	1,173,222 12.7%	45,232 4.2%	23,938 23.1%	4,441 1.2%
Median Years:	12.1	12.1	10.9	12.1	8.6

(Source: New York State Department of Labor, Annual Manpower Planning Report, FY 1975, p. 81.)

B. Potential Population for Post-Secondary Continuing Education

The total potential population (age 25 and over) in New York State which might benefit from post-secondary continuing education includes, as a minimum, those who have completed high school and those who have had an additional one to three years of college education. This population exceeded 4.2 million in 1970 in New York State; of these, 3.25 million had only 12 years of schooling. (Experience with Title I, H.E.A. '65 projects has also shown that, with careful screening, at least 75 percent of those without the high school diploma or its equivalent are able to complete successfully post-secondary credit-bearing offerings.)

Estimates of the number who might actually participate in post-secondary continuing education may be made for (1) degree-credit enrollment and (2) degree-, non-degree, and non-credit enrollment. Nationally,* in 1972, one of fifty men and women (2%) age 35 and over were studying for a degree or training for an occupation.

*U. S. Department of Labor, Monthly Labor Review, October, 1973, p. 39.

Fifty-four percent of these participants were in college or graduate school*; therefore, about 1% of all U. S. adults aged 35 and over currently participate in degree-credit post-secondary education. The estimated participating population, in all forms of post-secondary education (degree, non-degree, non-credit) is considerably larger than for degree-credit programs alone. K. Patricia Cross** estimates that one-third of the nation's adults participate in some formal post-secondary education program. According to this estimate, approximately 3.5 million of those age 25 and over (10.4 million in New York State) are potential participants in all forms of post-secondary continuing education.***

The comparison of potential participants to those actually participating is, presently, impossible to assess for New York State. The part-time post-secondary degree-credit enrollment in December, 1973, amounted to 37.5% of the total degree-credit enrollment (327,341 out of 873,316); however, data are not available which specify the age or race of these students. At present no data are available on non-credit enrollments in New York State. Credit, but non-degree, enrollment in 1972-73 totalled 21,357 students (98% were part-time) in New York State. The private institutions enroll almost three times as many students in such programs as the public institutions.

IV. Specific Populations to Be Served by Post-Secondary Continuing Education

A. Women

More than one-half, or 5.6 million, of the New York State population age 25 and over (10.4 million) are women. Their population size, by age (25-49) and race, and their educational attainments, are shown in Table II (and Appendix A.--4). Of the total female population age 25 and over, 1.93 million had completed 12 years of school and an additional one-half million had one to three years of college education.

*83.3% were part-time; 16.6%, full-time.

**K. Patricia Cross, Serving the New Clientele in Post-Secondary Education, Princeton, ETS, 1973.

***The Title I, H.E.A. 1965, Guidelines for FY 1975 consider the potential adult learning audience to be one-third of those between age 22 and 55, or 2.55 million adults in New York State in 1975. See Appendix A.--5 for regional estimates.

Table II

New York State Women: Educational Levels Completed Beyond Grade 8

1970 Age	Total Population	4 Yrs. H.S.	1-3 Yrs. College	4 Years College	5 or More	Median School Years Completed
A. ALL New York State Women						
14 and Over	7,296,658	2,414,423	751,029	366,119	212,708	12.0
25 and Over	5,600,894	1,934,177	505,793	301,806	197,223	12.1
25-29	636,022	278,077	88,790	66,539	35,943	12.5
30-34	542,527	237,560	64,209	42,223	26,291	12.4
35-39	531,874	233,195	56,058	35,644	23,660	12.4
40-44	587,299	252,735	57,711	33,601	24,621	12.3
45-49	597,399	258,757	56,707	26,968	21,350	12.3
B. Black Women						
14 and Over	829,352	245,763	53,369	16,184	9,762	10.9
25 and Over	607,897	183,055	37,167	13,935	9,213	10.9
25-29	96,506	43,147	8,035	3,108	1,159	12.2
30-34	86,699	34,862	6,676	2,392	1,624	12.1
35-39	78,060	28,244	5,532	1,979	1,461	11.8
40-44	74,402	23,302	5,284	1,839	1,380	11.3
45-49	65,566	18,348	3,674	1,478	1,312	10.8
C. White Women						
14 and Over	6,397,895	2,153,267	689,911	343,935	198,106	12.1
25 and Over	4,942,013	1,740,102	464,063	282,826	183,514	12.1
25-29	529,641	232,620	79,242	61,441	33,191	12.6
30-34	447,524	200,689	56,521	38,785	23,634	12.5
35-39	446,683	203,126	49,959	33,031	21,451	12.4
40-44	506,694	227,880	51,864	31,277	22,906	12.4
45-49	527,160	239,343	52,605	25,260	19,709	12.3

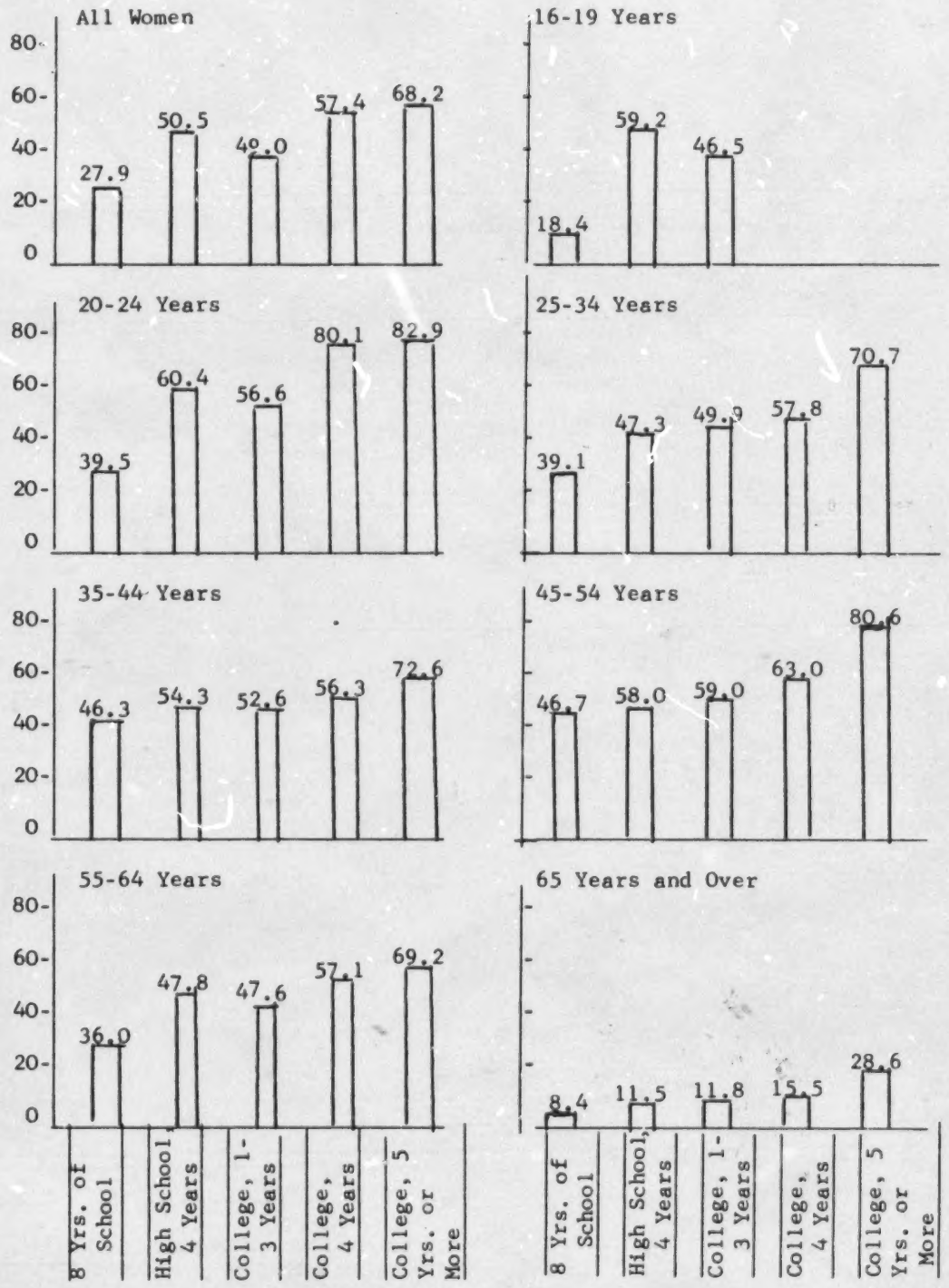
(Data from U. S. Bureau of Census, 1970; See Appendix A.--3 and 4.)

On the average (New York State Department of Labor Manpower Planning Report, FY 1975, page 15), women participate in the labor force at about one-half the rate of men. The rate of participation for women, however, increased dramatically from 1969 to 1972, especially among those with children still at home. Twenty-nine percent of those with children under three years of age were working in 1973, compared to 19% in 1963. Forty-one percent of black wives with pre-school age children were in the labor force in 1972, an increase from 26% in 1969. (Table III)

In general, 57% of American wives with children between 6 and 17 years of age and 45% of the women with children under six worked in 1973. The higher the level of education attained, the greater is the percentage of women in the labor force.

Table III

Percentage of Women in the Labor Force, by Age and Education, March 1972



Source: U. S. Bureau of Labor Statistics, 1972, p. A-11.

Women with children continue to swell the work force, a new study shows.

Economic pressures, divorce, and falling birth rates persuade more mothers to work. The number of children with working mothers rose by 650,000 between 1970 and 1973, the Bureau of Labor Statistics finds, while the number of children in all families fell by 1.5 million. Among wives with children under three years old, 29% were in the labor force in March 1973, up 10 percentage points in a decade.

More than 57% of all wives with children between six and 17 years old worked during 1972, the study shows, compared with 45% of the women with children under six. From 1969 to 1972, the proportion of black working wives with pre-school age children rose to 41% from 26%. Half of all married women had work experience in 1972.

The trend underscores the need for improved child day care as more young mothers seek work, the study notes.

Women participate, in number, equal to men in continuing education programs in the New York State SUNY system.

No information is presently available on the age groups or race of female participants in part-time continuing education programs in public or private institutions in New York State.

Table IV

State University of New York, Continuing Education Programs, February 5, 1974

	Univ. Centers	Ag.&Tech. Inst.	4 Year Colleges	Comm. Colleges	Grand Total
Total Headcount	12,463	8,327	14,123	64,799	99,712
Male	6,511	5,174	6,330	32,106	50,121
Female	5,952	3,153	7,793	32,693	49,591
Credit Program Students	10,246	7,417	7,104	47,848	72,615
Non-Credit Program Students	2,392	3,166	3,719	13,916	23,193

The New York State Education Department's Division of Continuing Education notes that women in the 45-65 age group who are returning to work (because they are widowed or need supplemental family income) have special post-secondary education needs, not unlike those of veterans, senior citizens, and the disadvantaged. Counseling services are needed to provide both psychological support and advice on training and employment opportunities;

training or educational programs are needed for specific skills or for completion of degree programs.* Because one-half of the potential population will be working and raising children, program offerings must be conveniently-located and at suitable times to attract women.

B. Senior Citizens

Of the 10.4 million age 25 and over in New York State, 3.8 million are age 55 and over. The New York State Office for the Aging estimates that only 600,000 of these senior citizens would potentially be interested in post-secondary education. The remainder of the population falls in the near-poverty and poverty level class; as such, these individuals have more fundamental needs--health care, decent housing, employment.

Those senior citizens who presently participate in programs at Adult Education Centers and Senior Citizens Centers** are primarily interested in retirement planning, leisure crafts, and public and consumer affairs. The State Education Department's Division of Continuing Education states that these senior citizens need, but receive little, counseling and training on how to supplement their incomes and how to utilize their time and skills in serious community efforts. This Division also suggests that any programs offered to senior citizens must be tailored for their convenience and should be tuition-free, day-time, conveniently located, informal, and flexible (drawing on life experience and requiring a minimum of outside work).

Opportunities presently available to New York State senior citizens for continuing education include, among others:

1. Adult education courses, New York State public schools (125)
2. Community colleges
3. Senior Citizens' Centers
4. New School for Social Research, Institute for Retired Executives

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*An additional much-needed support service is day or evening care centers for children.

**No data exist on the programs offered or number of participants at Senior Citizens Centers. In 1972-73, Public School (125) Continuing Education Courses totalled 36,281, of which only 419 were entitled "Senior Citizens Education." These courses enrolled 18,295 senior citizens (about 2% of the total enrolled in all adult education courses). Other course categories in which senior citizens were enrolled in small numbers were: Adult Elementary Education; High School Equivalency; Americanization; Art, Music, Drama, Crafts, Non-Occupational Business Education (Estate Planning, Law Everyone Should Know, Investments); and Home Economics Education (Consumer and Home Economics Demonstration Project, Food and Nutrition).

5. Universities--if tuition is waived and courses are non-credit
6. Community agencies--if offering on-the-job training for volunteer work
7. Correspondence courses, including those offered by State University's Independent Study Program
8. American Association for Retired Persons--courses offered at Washington, D. C., and California Institute for Lifetime Learning (enrichment, not occupational courses)
9. External Degree
10. Empire State College

In 1974 the Governor signed into law a provision which permits senior citizens, age 60 and over, to audit State University and community college courses, upon a space-available basis, free of charge (See Appendix B for list of bills related to senior citizen education introduced in the 1974 New York State Legislative session.).

C. Educationally Disadvantaged

Those most in need of, and least represented in, post-secondary continuing education programs are the educationally and economically disadvantaged New York State adults. In 1970, 47.3% or 4.9 million of those age 25 and over in New York State had less than 12 years of school and, therefore, are defined as educationally disadvantaged. (Table I). Eighty-five percent of these disadvantaged are white (4.2 million) (Appendix A.--3 and 4). Thirty-one percent had only 12 years of schooling, a level of education which is rapidly becoming insufficient for the complex technical skills required for many jobs. (Of this latter group, 90% are white.) The U. S. Department of Labor's Occupational Outlook Handbook, 1974-75, states:

> "...employment growth generally will be fastest in those occupations requiring the most education and training....A high school education has become a standard for American workers...skill requirements are rising for clerical and other jobs."

The Occupational Outlook Quarterly, Summer, 1974, (U. S. Department of Labor) states that:

> "Nearly a quarter of all job openings between 1972 and 1985 are expected to be filled by persons who will have completed four years or more of college (from 1959 to 1972, only 18% of the jobs were so filled).... college graduates will be needed for almost one-third of all white-collar job openings, especially in the professional and technical (3 of 4 openings will require a college degree) and managerial and administrative (1 of 2 openings will require a college degree) fields."

Not only will the job opportunities showing the most growth in the next ten years be closed to the educationally disadvantaged, but the educationally disadvantaged worker has less chance of finding a steady job and is the one on whom unemployment falls most heavily.

D. Economically Disadvantaged

In New York State in 1970 nearly 2,000,000 people lived at the poverty level; that is, 11.1% of the total population, or 15.3% of those age 16 and over, live at the poverty level (see Appendix C.--1). Those who have 12 years of schooling or less constitute the bulk of the population classed as disadvantaged poor in the New York State Department of Labor's manpower "Universe of Need." These people are ones who will need manpower assistance because they are unemployed or under-employed and live near or at the poverty level defined in Appendix C.--2. There are 517,000 disadvantaged poor in the "Universe of Need" (Table V), of whom 95% have 12 or fewer years of education (Table VI).

Table V

"Universe of Need" Population for 1975

Total Population:		2,433,400	
Total Poor:		557,000	
	Disadvantaged Poor:		517,000
	Other Poor:		40,000
Total Near-Poor and Non-Poor:		1,876,000	
	Near-Poor:		629,000
	Non-Poor:		1,247,000

(New York State Department of Labor, Annual Manpower Planning Report, FY 1975)

Table VI

Educational Attainment: Disadvantaged Poor in the Universe of Need

Years of School	% of Total	Number
0-7 yrs.	12.2%	63,074
8-11 yrs.	58.8%	303,996
12 yrs.	23.5%	21,495
over 12 yrs.	5.5%	28,435
	Total	517,000

Among the disadvantaged poor, 60% are on welfare and only 47% are "job-ready." One-half are in the 22-39 age group (258,500). Forty-three percent are white and fifty-three percent are black among the disadvantaged poor.

Very few (less than 1%) of the educationally (4.9 million) and/or economically (2 million) disadvantaged New York State population age 25 and over are presently being assisted by State or Federal post-secondary education programs, especially in the form of part-time opportunities. Title I, Higher Education Act of 1965, and the programs administered by HEOP, EOP, and SEEK are directed towards the minority populations especially, but cover those who are educationally and economically deprived. Title I programs have involved about 37,000 individuals since 1966; there were 2600 participants in 1973 alone (See Appendix D). In 1973-74, HEOP, SEEK, and EOP had about 25,000 participants. SEEK has full-time students only; HEOP and EOP together had only 1,400 part-time students. HEOP and SEEK primarily serve individuals under age 25; about 2500 participants are 25 or older (Table VII) in these two programs.

Table VII

Enrollment, 1973-74 in EOP, HEOP, and SEEK Programs, New York State

	EOP	HEOP	SEEK	Totals
Total Enrolled	9,850	5,220	9,700	24,770
Full-Time	92-95%(9,062-9,358)	88½%(4,672)	9,700	23,434-23,730
Part-Time	5-8%(500-800)	11½%(600)	-0-	1,100-1,400
Under 21	NA*	50% (2,610)	42%(4,074)	minimum of 6,684
21-25	NA*	25% (1,305)	45%(4,365)	minimum of 5,670
25 and Over	NA*	25% (1,305)	13%(1,261)	minimum of 2,566
Black	66%	65%	NA*	

*NA = Not Available

In summary, less than 1% of the educationally or economically disadvantaged citizens were involved in Title I, H.E.A. 1965 or HEOP-SEEK-EOP programs in 1973-74. No estimate can be made on the number of such individuals who might benefit and are presently participating in any form of post-secondary education. It seems reasonable to assume, on the basis of part-time degree and non-degree credit enrollment figures, that only a small percentage of the 3.5 million* who could be served are participating.

*One-third of the 10.4 million age 25 and over in New York State (from page 2).

V. Summary of Report

Table VIII

A. New York State Population, Aged 25 and over, in 1970--10,418,555--and Their Educational Attainments (in rounded-off figures based on a total State population of 18,236,951)*

Years of School Completed	Number 25 and over: 10,418,555	% of Total 25 and over	Number 25-54: 6,606,635	% of Total 25-54	Number 55 and over: 3,811,920	% of Total 55 and over
Less than 12	4,900,000	47	2,400,000	36	2,500,000	66
12	3,250,000	31	2,500,000	38	1,000,000	26
1-3 of college	1,000,000	9.6	750,000	11		
4 or more of college	1,240,000	12	965,000	15	311,920	8

*Estimated number, aged 22-55, in 1975: 7,650,735

Table IX

B. Special Target Groups for New York State Post-Secondary Education (in rounded-off figures)

Years of School Completed	WOMEN 25 and over: 5,600,000	% of Total 25 & over	SENIOR CITIZENS 55 and over: 3,811,920	% of Total 55 & over	EDUCATIONALLY DISADVANTAGED*	ETHNIC %	ECONOMICALLY DISADVANTAGED**	ETHNIC %
Less than 12	2,600,000	46	2,500,000	66	4,900,000	88.7 White 10.4 Black .05 PR and other	1,990,000 (Poverty) 1,200,000 (Poor or Near-Poor)	72 White 28 Other
12	1,930,000	34	1,000,000	26				
1-3 of college	500,000	10						
4 or more of college	570,000	9	311,920	8				

**Disadvantaged individuals being served in HEOP, EOP, SEEK, and Title I, H.E.A. 1965 programs in 1973-74: 27,600.

C. Potential Participants in All Forms of Post-Secondary Education:

1. 1,420,000: one-third of the 4,250,000 who have completed 12-15 years of school

2. 3,500,000: one-third of the 10,420,000 who are 25 and over

3. 2,550,000: one-third of the 7,650,000 who are aged 22 to 55

VI. APPENDICES

Appendix A., 1.-5.: 1970 Federal Census Data and Estimated Adult Learning Audience for New York State

Table 48. General Characteristics by Race, for Urban and Rural Residence: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State	The State				Urban			
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	White	Negro	Persons of Puerto Rican birth or parentage
AGE								
Total, all ages	18 236 951	15 885 867	2 164 560	872 471	15 604 415	13 303 727	2 126 941	865 825
Under 5 years	1 485 771	1 236 076	231 528	113 253	1 246 477	1 001 359	228 356	112 680
5 to 9 years	1 682 178	1 412 136	253 329	115 995	1 386 621	1 121 958	249 481	115 252
10 to 14 years	1 720 544	1 468 171	237 180	105 825	1 423 167	1 176 752	232 530	105 042
15 to 19 years	1 574 511	1 361 285	197 379	86 586	1 333 833	1 126 327	192 852	85 726
20 to 24 years	1 355 392	1 170 230	168 185	80 722	1 154 258	1 013 404	164 730	80 009
25 to 29 years	1 213 857	1 027 379	168 811	75 983	1 049 158	866 299	166 080	75 241
30 to 34 years	1 043 563	871 721	154 899	66 974	889 984	721 710	152 361	66 407
35 to 39 years	1 028 564	873 379	140 770	58 507	876 560	724 618	138 410	58 036
40 to 44 years	1 128 175	981 750	134 611	46 608	972 428	828 805	132 560	46 311
45 to 49 years	1 133 476	1 004 658	118 976	36 961	983 289	856 894	117 077	36 698
50 to 54 years	1 059 000	953 353	97 639	26 277	920 156	816 747	95 930	26 087
55 to 59 years	981 483	895 599	79 794	20 632	857 282	773 210	77 404	20 477
60 to 64 years	863 946	793 632	64 578	15 091	755 563	686 780	63 473	14 984
65 to 69 years	695 498	640 635	50 223	9 929	609 072	555 429	49 328	9 854
70 to 74 years	548 457	513 092	32 123	5 783	481 505	446 928	31 566	5 747
75 years and over	722 536	682 811	35 555	7 345	625 064	586 507	34 803	7 274
Under 18 years	5 868 130	4 962 044	847 125	390 110	4 874 944	3 988 433	832 543	387 479
21 years and over	11 495 386	10 169 802	1 208 976	435 272	9 968 308	8 670 289	1 188 500	431 746
65 years and over	1 966 491	1 836 538	117 901	23 057	1 715 641	1 588 864	115 697	22 875
Median age	30.4	31.5	24.8	20.9	30.9	32.4	24.9	20.9
Male, all ages	8 713 567	7 619 550	999 798	416 923	7 397 242	6 331 009	978 194	413 397
Under 5 years	757 438	632 012	116 142	57 411	634 713	511 507	114 562	57 095
5 to 9 years	858 762	722 191	128 071	58 871	706 896	572 948	126 280	58 474
10 to 14 years	876 465	748 666	119 683	53 829	722 660	598 284	117 032	53 323
15 to 19 years	785 914	681 478	96 430	42 873	660 789	559 923	93 483	42 253
20 to 24 years	617 327	539 247	70 410	35 385	540 102	464 608	68 219	34 628
25 to 29 years	577 835	497 698	72 305	34 787	498 165	420 131	70 614	34 28
30 to 34 years	501 036	424 197	68 200	31 214	425 254	350 487	66 585	30 796
35 to 39 years	496 690	426 696	62 710	26 916	419 970	351 794	61 271	26 591
40 to 44 years	540 876	475 056	60 209	21 330	462 267	398 041	59 005	21 156
45 to 49 years	536 077	477 698	53 410	16 922	461 446	404 100	52 376	16 770
50 to 54 years	495 564	448 792	42 523	12 213	425 992	380 452	41 558	12 104
55 to 59 years	460 582	422 674	34 046	9 522	398 263	361 251	33 306	9 435
60 to 64 years	399 187	368 380	27 457	6 536	345 174	315 191	26 846	6 466
65 to 69 years	302 968	279 428	20 860	4 062	260 647	237 769	20 362	4 013
70 to 74 years	227 304	211 918	13 522	2 410	195 889	180 946	13 239	2 402
75 years and over	279 542	263 619	13 820	2 642	239 015	223 536	13 456	2 601
Under 18 years	2 991 375	2 534 422	426 424	198 135	2 478 829	2 032 444	418 521	196 553
21 years and over	5 308 227	4 725 901	523 965	197 044	4 561 397	3 994 284	511 924	194 689
65 years and over	809 814	754 965	48 202	9 114	695 551	642 292	47 057	9 016
Median age	29.0	29.9	22.8	19.5	29.4	30.5	22.8	19.4
Female, all ages	9 523 384	8 266 317	1 164 762	455 548	8 207 173	6 972 718	1 148 747	453 228
Under 5 years	728 333	604 064	115 386	55 842	611 764	489 852	113 794	55 585
5 to 9 years	823 416	689 945	125 258	57 124	679 725	549 010	123 201	56 778
10 to 14 years	844 079	719 505	117 497	51 996	700 507	578 468	115 498	51 719
15 to 19 years	788 597	679 807	100 946	43 713	673 044	566 404	99 369	43 473
20 to 24 years	738 065	630 983	97 772	45 337	654 156	548 796	96 511	45 181
25 to 29 years	636 022	529 641	96 506	41 196	550 993	446 168	95 466	40 953
30 to 34 years	542 527	447 524	86 699	35 760	464 730	371 223	85 776	35 609
35 to 39 years	531 874	446 683	78 060	31 591	456 590	372 824	77 139	31 445
40 to 44 years	587 299	506 694	74 402	25 278	510 161	430 764	73 555	25 155
45 to 49 years	597 399	527 160	65 566	20 039	521 843	452 794	64 701	19 928
50 to 54 years	563 436	504 561	55 096	14 064	494 164	436 295	54 372	13 983
55 to 59 years	520 901	472 925	44 748	11 110	459 017	411 959	44 098	11 042
60 to 64 years	464 759	425 252	37 121	8 555	410 389	371 589	36 627	8 518
65 to 69 years	392 530	361 207	29 363	5 867	348 425	317 669	28 966	5 841
70 to 74 years	321 153	301 174	18 601	3 373	285 616	266 032	18 327	3 345
75 years and over	442 994	419 192	21 735	4 703	386 049	362 871	21 347	4 673
Under 18 years	2 876 755	2 427 622	420 701	191 975	2 396 115	1 955 989	414 022	190 926
21 years and over	6 187 159	5 443 901	685 011	238 228	5 406 911	4 676 005	676 576	237 057
65 years and over	1 156 677	1 081 573	69 699	13 943	1 020 090	946 572	68 640	13 859
Median age	31.9	33.1	26.3	22.1	32.5	34.1	26.4	22.1
RELATIONSHIP TO HEAD OF HOUSEHOLD								
Total population	18 236 951	15 885 867	2 164 560	872 471	15 604 415	13 303 727	2 126 941	865 825
In households	17 780 812	15 494 419	2 104 679	860 862	15 227 343	12 980 186	2 077 489	856 441
Head of household	5 935 060	5 214 665	663 668	243 071	5 179 440	4 469 558	656 189	241 935
Family head	4 609 638	4 069 135	497 950	212 922	3 964 530	3 432 346	492 038	211 930
Male	4 016 334	3 638 034	340 683	153 065	3 414 567	3 043 273	335 735	152 116
Female	593 304	431 101	157 267	59 857	549 963	389 073	156 303	59 814
Primary individual	1 325 422	1 145 530	165 718	30 149	1 214 910	1 037 212	164 151	30 005
Male	492 518	412 718	71 345	16 133	448 104	369 594	70 386	16 033
Female	832 904	732 812	94 373	14 016	766 806	667 618	93 765	13 972
Wife of head	3 839 847	3 487 944	315 515	143 940	3 260 481	2 915 585	311 133	143 091
Other relative of head	7 709 190	6 575 530	1 053 633	463 096	6 527 048	5 413 312	1 039 638	460 943
Not related to head	296 715	216 280	71 863	10 755	260 374	181 731	70 529	10 472
In group quarters	456 139	391 448	59 881	11 609	377 072	323 541	49 452	9 384
Inmate of institution	217 582	176 645	39 836	8 419	173 549	141 795	31 051	6 477
Other	238 557	214 803	20 045	3 190	203 523	181 746	18 401	2 907
FAMILIES BY PRESENCE OF OWN CHILDREN UNDER 18 YEARS								
Total families	4 609 638	4 069 135	497 950	212 922	3 964 530	3 432 346	492 038	211 930
With own children under 18 years	2 474 016	2 130 307	317 647	159 093	2 096 070	1 757 630	313 884	158 353
With own children under 6 years	1 171 987	991 885	165 916	91 411	984 011	806 785	163 889	90 957
Husband-wife families	3 846 448	3 493 334	317 582	144 138	3 265 733	2 919 115	313 917	143 195
With own children under 18 years	2 110 358	1 891 376	196 475	106 776	1 762 437	1 547 732	193 495	106 074
With own children under 6 years	1 027 274	907 444	106 931	63 203	849 412	731 997	105 290	62 775
Families with female head	593 304	431 101	157 267	59 857	549 963	389 073	156 303	59 814
With own children under 18 years	315 066	200 749	111 339	48 087	293 016	179 470	110 740	48 049
With own children under 6 years	128 838	72 574	55 173	26 383	121 507	65 629	54 853	26 357

Table 48. General Characteristics by Race, for Urban and Rural Residence: 1970—Continued

Appendix A.-1.

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State	Rural nonfarm				Rural farm			
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	White	Negro	Persons of Puerto Rican birth or parentage
AGE								
Total, all ages	**2 441 877**	**2 392 811**	**36 706**	**6 523**	**190 659**	**189 329**	**913**	**133**
Under 5 years	226 332	221 943	3 027	562	12 962	12 774	145	11
5 to 9 years	275 876	270 648	3 743	735	19 681	19 530	105	8
10 to 14 years	273 217	267 373	4 563	783	24 160	24 046	87	-
15 to 19 years	219 278	213 656	4 448	854	21 400	21 302	79	6
20 to 24 years	151 906	147 683	3 398	688	9 228	9 143	57	25
25 to 29 years	156 496	152 922	2 677	715	8 203	8 118	54	27
30 to 34 years	145 410	141 925	2 488	551	8 169	8 086	50	16
35 to 39 years	141 377	138 208	2 321	463	10 627	10 553	39	8
40 to 44 years	144 078	141 342	2 004	280	11 669	11 603	47	17
45 to 49 years	137 860	135 482	1 865	263	12 327	12 282	34	-
50 to 54 years	126 087	123 951	1 619	190	12 757	12 655	70	-
55 to 59 years	112 748	110 971	1 362	155	11 455	11 418	28	-
60 to 64 years	99 248	97 781	1 062	107	9 135	9 071	43	-
65 to 69 years	79 490	78 324	857	70	6 936	6 882	38	5
70 to 74 years	61 926	61 177	531	36	5 026	4 987	26	-
75 years and over	90 548	89 425	741	71	6 924	6 879	11	-
Under 18 years	[illegible]0 924	901 870	14 191	2 612	72 262	71 741	391	19
21 years and over	1 416 812	1 390 026	19 979	3 428	110 266	109 487	497	98
65 years and over	231 964	228 926	2 129	177	18 896	18 748	75	5
Median age	27.4	27.5	23.8	22.4	29.8	29.8	23.6	27.1
Male, all ages	**1 216 991**	**1 189 865**	**21 137**	**4 283**	**99 334**	**98 676**	**477**	**43**
Under 5 years	116 006	113 873	1 498	309	6 719	6 632	82	7
5 to 9 years	141 613	139 043	1 760	397	10 253	10 200	31	-
10 to 14 years	141 352	137 991	2 599	506	12 453	12 391	52	-
15 to 19 years	113 742	110 222	2 912	620	11 383	11 333	35	-
20 to 24 years	71 973	69 430	2 165	551	5 252	5 209	26	6
25 to 29 years	75 450	73 389	1 664	489	4 220	4 178	27	10
30 to 34 years	71 970	69 930	1 600	407	3 812	3 780	15	9
35 to 39 years	71 519	69 744	1 405	325	5 201	5 158	34	-
40 to 44 years	72 686	71 131	1 173	163	5 923	5 884	31	11
45 to 49 years	68 496	67 292	1 005	152	6 135	6 106	29	-
50 to 54 years	62 814	61 636	931	109	6 758	6 704	34	-
55 to 59 years	55 892	55 008	728	87	6 427	6 415	12	-
60 to 64 years	49 097	48 314	585	70	4 916	4 875	26	-
65 to 69 years	38 539	37 917	472	49	3 782	3 751	26	-
70 to 74 years	28 676	28 296	275	8	2 739	2 726	8	-
75 years and over	37 166	36 649	355	41	3 361	3 334	9	-
Under 18 years	475 068	464 747	7 703	1 575	37 478	37 231	200	7
21 years and over	689 542	674 735	11 764	2 319	57 288	56 882	277	36
65 years and over	104 381	102 862	1 102	98	9 882	9 811	43	-
Median age	26.6	26.7	24.1	22.8	29.3	29.3	27.3	...
Female, all ages	**1 224 886**	**1 202 946**	**15 579**	**2 240**	**91 325**	**90 653**	**436**	**90**
Under 5 years	110 326	108 070	1 529	253	6 243	6 142	63	4
5 to 9 years	134 263	131 605	1 983	338	9 428	9 330	74	8
10 to 14 years	131 865	129 382	1 964	277	11 707	11 655	35	-
15 to 19 years	105 536	103 434	1 536	234	10 017	9 969	44	6
20 to 24 years	79 933	78 253	1 233	137	3 976	3 934	31	19
25 to 29 years	81 046	79 533	1 013	226	3 983	3 940	27	17
30 to 34 years	73 440	71 995	888	144	4 357	4 306	35	7
35 to 39 years	69 858	68 464	916	138	5 426	5 395	5	8
40 to 44 years	71 392	70 211	831	117	5 746	5 719	16	6
45 to 49 years	69 364	68 190	860	111	6 192	6 176	5	-
50 to 54 years	63 273	62 315	688	81	5 999	5 951	36	-
55 to 59 years	56 856	55 963	634	68	5 028	5 003	16	-
60 to 64 years	50 151	49 467	477	37	4 219	4 196	17	-
65 to 69 years	40 951	40 407	385	21	3 154	3 131	12	5
70 to 74 years	33 250	32 881	256	28	2 287	2 261	18	-
75 years and over	53 382	52 776	386	30	3 563	3 545	2	-
Under 18 years	445 856	437 123	6 488	1 037	34 784	34 510	191	12
21 years and over	727 270	715 291	8 215	1 109	52 978	52 605	220	62
65 years and over	127 583	126 064	1 027	79	9 004	8 937	32	5
Median age	28.1	28.2	23.2	20.7	30.4	30.4	30.3	...
RELATIONSHIP TO HEAD OF HOUSEHOLD								
Total population	**2 441 877**	**2 392 811**	**36 706**	**6 523**	**190 659**	**189 329**	**913**	**133**
In households	2 362 936	2 324 979	26 328	4 325	190 533	189 254	862	96
Head of household	704 578	694 358	7 263	1 136	51 042	50 749	216	-
Family head	598 733	590 642	5 735	992	46 375	46 147	177	-
Male	557 315	550 523	4 781	949	44 452	44 238	167	-
Female	41 418	40 119	954	43	1 923	1 909	10	-
Primary individual	105 845	103 716	1 528	144	4 667	4 602	39	-
Male	41 638	40 383	935	100	2 776	2 741	24	-
Female	64 207	63 333	593	44	1 891	1 861	15	-
Wife of head	537 624	530 847	4 229	814	41 742	41 512	153	35
Other relative of head	1 088 082	1 068 855	13 525	2 129	94 060	93 363	470	24
Not related to head	32 652	30 919	1 311	246	3 689	3 630	23	37
In group quarters	78 941	67 832	10 378	2 198	126	75	51	27
Inmate of institution	44 033	34 850	8 785	1 942	-	-	-	-
Other	34 908	32 982	1 593	256	126	75	51	27
FAMILIES BY PRESENCE OF OWN CHILDREN UNDER 18 YEARS								
Total families	**598 733**	**590 642**	**5 735**	**992**	**46 375**	**46 147**	**177**	**-**
With own children under 18 years	352 950	347 793	3 664	740	24 996	24 884	99	-
With own children under 6 years	177 870	175 072	1 960	454	10 103	10 028	67	-
Husband-wife families	**538 903**	**533 591**	**4 398**	**943**	**41 843**	**41 628**	**167**	**-**
With own children under 18 years	324 123	319 953	2 866	702	23 798	23 691	94	-
With own children under 6 years	168 113	165 771	1 576	428	9 749	9 676	65	-
Families with female head	**41 418**	**40 119**	**954**	**43**	**1 923**	**1 909**	**10**	**-**
With own children under 18 years	21 405	20 639	594	38	645	640	5	-
With own children under 6 years	7 178	6 794	318	26	153	151	2	-

Table 19. Single Years of Age by Race and Sex: 1970

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State	All persons				Male				Female			
			Negro and other races				Negro and other races				Negro and other races	
	Total	White	Total	Negro	Total	White	Total	Negro	Total	White	Total	Negro
All ages	18 236 967	15 834 090	2 402 877	2 188 949	8 715 339	7 596 071	1 119 268	1 081 996	9 521 628	8 238 019	1 283 609	1 166 953
Under 1 year	298 554	246 304	52 250	46 813	152 398	126 141	26 257	23 459	146 156	120 163	25 993	23 354
1 year	287 107	238 537	48 570	43 533	146 615	122 024	24 591	22 011	140 492	116 513	23 979	21 522
2 years	285 820	236 608	49 212	44 543	145 728	121 091	24 637	22 282	140 092	115 517	24 575	22 261
3 years	298 909	247 675	51 234	46 698	152 525	126 743	25 782	23 498	146 384	120 932	25 452	23 200
4 years	316 353	261 100	55 253	50 498	161 082	133 246	27 836	25 411	155 271	127 854	27 417	25 087
5 years	327 749	271 231	56 518	51 934	167 079	138 516	28 563	26 237	160 670	132 715	27 955	25 697
6 years	335 405	278 806	56 599	51 976	170 941	142 388	28 553	26 166	164 464	136 418	28 046	25 810
7 years	336 483	280 307	56 176	51 764	171 809	143 370	28 439	26 166	164 674	136 937	27 737	25 598
8 years	336 606	283 291	53 315	49 223	172 060	145 082	26 978	24 884	164 546	138 209	26 337	24 339
9 years	342 792	288 900	53 892	49 687	175 121	148 022	27 099	24 946	167 671	140 878	26 793	24 741
10 years	353 748	298 092	55 656	51 330	180 613	152 517	28 096	25 844	173 135	145 575	27 560	25 486
11 years	342 756	290 687	52 069	47 996	174 779	148 698	26 081	24 039	167 977	141 989	25 988	23 957
12 years	343 728	292 882	50 846	46 988	175 792	150 055	25 737	23 740	167 936	142 827	25 109	23 248
13 years	335 283	285 732	49 551	45 600	170 921	146 080	24 841	22 837	164 362	139 652	24 710	22 763
14 years	336 129	287 168	48 961	45 097	170 752	146 442	24 310	22 350	165 377	140 726	24 651	22 747
15 years	330 259	282 770	47 489	43 590	168 201	144 377	23 824	21 881	162 058	138 393	23 665	21 709
16 years	317 271	273 070	44 201	40 471	161 139	139 024	22 115	20 176	156 132	134 046	22 086	20 295
17 years	316 323	272 946	43 377	39 492	160 009	138 435	21 574	19 627	156 314	134 511	21 803	19 865
18 years	307 889	266 099	41 790	37 655	151 668	131 422	20 246	18 187	156 221	134 677	21 544	19 468
19 years	291 437	249 581	41 856	37 603	138 454	118 910	19 544	17 476	152 983	130 671	22 312	20 127
20 years	285 914	243 653	42 261	37 303	130 614	111 714	18 900	16 518	155 300	131 939	23 361	20 785
21 years	273 425	234 189	39 236	34 530	122 278	105 509	16 769	14 531	151 147	128 680	22 467	19 999
22 years	285 593	247 226	38 367	34 178	130 320	114 130	16 190	14 355	155 273	133 096	22 177	19 823
23 years	292 888	254 443	38 445	34 296	136 012	119 592	16 420	14 537	156 876	134 851	22 025	19 659
24 years	244 556	207 185	37 371	33 322	113 978	98 157	15 821	14 049	130 578	109 028	21 550	19 273
25 years	247 147	208 403	38 744	34 413	116 178	99 647	16 531	14 667	130 969	108 756	22 213	19 746
26 years	251 257	213 363	37 894	33 644	119 171	102 881	16 290	14 410	132 086	110 482	21 604	19 234
27 years	268 890	228 519	40 371	35 670	128 070	110 635	17 435	15 343	140 820	117 884	22 936	20 327
28 years	234 454	196 329	38 125	33 421	112 637	95 752	16 885	14 579	121 817	100 577	21 240	18 842
29 years	224 461	184 507	39 954	35 213	108 719	90 547	18 172	15 865	115 742	93 960	21 782	19 348
30 years	224 261	183 713	40 548	35 706	108 031	89 868	18 163	15 742	116 230	93 845	22 385	19 964
31 years	207 595	173 157	34 438	30 255	100 355	84 995	15 360	13 217	107 240	88 162	19 078	17 038
32 years	204 781	170 581	34 200	29 948	98 985	83 506	15 479	13 326	105 796	87 075	18 721	16 622
33 years	196 607	164 570	32 037	28 021	94 536	80 299	14 237	12 163	102 071	84 271	17 800	15 858
34 years	205 120	170 099	35 021	30 810	98 179	82 413	15 766	13 610	106 941	87 686	19 255	17 200
35 years	204 157	170 278	33 879	30 030	98 491	83 126	15 365	13 361	105 666	87 152	18 514	16 669
36 years	196 168	165 240	30 928	27 358	94 038	80 252	13 786	11 942	102 130	84 988	17 142	15 416
37 years	204 772	172 957	31 815	28 290	98 182	84 016	14 166	12 398	106 590	88 941	17 649	15 892
38 years	205 087	175 370	29 717	26 433	99 074	85 631	13 443	11 818	106 013	89 739	16 274	14 615
39 years	217 355	184 811	32 544	29 151	104 985	90 163	14 822	13 152	112 370	94 648	17 722	15 999
40 years	231 574	197 753	33 821	30 311	111 023	95 624	15 399	13 653	120 551	102 129	18 422	16 658
41 years	217 895	189 276	28 619	25 670	103 829	91 048	12 781	11 367	114 066	98 228	15 838	14 311
42 years	226 548	197 227	29 321	26 443	109 235	95 992	13 243	11 881	117 313	101 235	16 078	14 562
43 years	221 297	194 261	27 036	24 457	106 139	94 212	11 927	10 712	115 158	100 049	15 109	13 745
44 years	227 639	198 451	29 188	26 620	107 955	95 023	12 932	11 686	119 684	103 428	16 256	14 934
45 years	231 485	202 806	28 679	26 138	109 770	96 723	13 047	11 735	121 715	106 083	15 632	14 403
46 years	224 353	198 206	26 147	23 730	106 174	94 367	11 807	10 620	118 179	103 839	14 340	13 110
47 years	225 995	199 299	26 696	24 274	107 001	94 779	12 222	10 956	118 994	104 520	14 474	13 318
48 years	227 028	202 225	24 803	22 569	107 972	96 563	11 409	10 226	119 056	105 662	13 394	12 343
49 years	227 272	201 785	25 487	23 399	108 084	96 288	11 796	10 718	119 188	105 497	13 691	12 681
50 years	233 715	206 184	27 531	25 245	109 947	97 488	12 459	11 285	123 768	108 696	15 072	13 960
51 years	210 530	189 025	21 505	19 701	98 435	88 920	9 515	8 572	112 095	100 105	11 990	11 129
52 years	209 393	189 040	20 353	18 591	98 623	89 531	9 092	8 225	110 770	99 509	11 261	10 366
53 years	201 996	183 064	18 932	17 240	94 559	86 301	8 258	7 356	107 437	96 763	10 674	9 884
54 years	202 622	184 121	18 501	16 821	94 664	86 596	8 068	7 198	107 958	97 525	10 433	9 623
55 years	207 798	188 638	19 160	17 472	96 595	88 149	8 446	7 617	111 203	100 489	10 714	9 855
56 years	196 176	179 295	16 881	15 301	92 307	84 887	7 420	6 605	103 869	94 408	9 461	8 696
57 years	196 136	179 110	17 026	15 558	91 351	83 977	7 374	6 626	104 785	95 133	9 652	8 932
58 years	190 107	174 422	15 685	14 130	88 937	82 105	6 832	5 998	101 170	92 317	8 853	8 132
59 years	189 405	172 201	17 204	15 739	87 842	80 432	7 410	6 672	101 563	91 769	9 794	9 067
60 years	193 828	177 082	16 746	15 249	90 405	83 068	7 337	6 529	103 423	94 014	9 409	8 720
61 years	176 997	163 345	13 652	12 351	82 242	76 394	5 848	5 144	94 755	86 951	7 804	7 207
62 years	173 662	159 975	13 687	12 421	80 094	74 219	5 875	5 216	93 568	85 756	7 812	7 205
63 years	159 684	147 811	11 873	10 691	73 416	68 307	5 109	4 466	86 268	79 504	6 764	6 225
64 years	157 991	145 037	12 954	11 617	72 031	66 344	5 687	4 910	85 960	78 693	7 267	6 707
65 years	154 744	142 291	12 453	11 257	69 719	64 239	5 480	4 747	85 025	78 052	6 973	6 510
66 years	143 113	132 507	10 606	9 558	63 837	59 253	4 584	3 979	79 276	73 254	6 022	5 579
67 years	139 363	128 602	10 761	9 694	61 381	56 701	4 680	4 060	77 982	71 901	6 081	5 634
68 years	125 299	116 245	9 054	8 017	54 404	50 529	3 875	3 308	70 895	65 716	5 179	4 709
69 years	134 387	123 114	11 273	10 176	55 701	50 932	4 769	4 117	78 686	72 182	6 504	6 059
70 years	128 829	119 454	9 375	8 326	53 627	49 631	3 996	3 400	75 202	69 823	5 379	4 926
71 years	113 432	106 160	7 272	6 440	47 183	44 127	3 056	2 598	66 249	62 033	4 216	3 842
72 years	105 308	98 842	6 466	5 684	43 547	40 774	2 773	2 355	61 761	58 068	3 693	3 329
73 years	101 713	95 796	5 917	5 261	41 918	39 379	2 539	2 164	59 795	56 417	3 378	3 097
74 years	98 245	92 611	5 634	5 018	39 721	37 342	2 379	2 048	58 524	55 269	3 255	2 970
75 years	90 156	85 208	4 948	4 335	36 314	34 248	2 066	1 743	53 842	50 960	2 882	2 592
76 years	80 514	76 260	4 254	3 765	33 057	31 261	1 796	1 547	47 457	44 999	2 458	2 218
77 years	74 791	70 925	3 866	3 424	29 946	28 340	1 606	1 341	44 845	42 585	2 260	2 083
78 years	63 793	60 507	3 286	2 892	25 334	24 028	1 306	1 107	38 459	36 479	1 980	1 785
79 years	60 547	57 530	3 017	2 647	23 194	22 057	1 137	936	37 353	35 473	1 880	1 711
80 years	57 745	54 740	3 005	2 604	22 084	20 891	1 193	980	35 661	33 849	1 812	1 624
81 years	49 764	47 283	2 481	2 154	18 971	18 059	912	732	30 793	29 224	1 569	1 422
82 years	39 912	38 072	1 840	1 627	15 128	14 391	737	631	24 784	23 681	1 103	996
83 years	34 264	32 670	1 594	1 407	12 634	12 084	550	440	21 630	20 586	1 044	947
84 years	30 930	29 390	1 540	1 345	11 308	10 752	556	456	19 622	18 638	984	889
85 to 89 years	89 071	84 475	4 596	4 055	30 838	29 292	1 546	1 276	58 233	55 183	3 050	2 779
90 to 94 years	27 071	25 528	1 543	1 351	8 555	8 045	510	423	18 516	17 483	1 033	928
95 to 99 years	6 598	6 073	525	452	1 898	1 733	165	127	4 700	4 340	360	325
100 years and over	11 163	9 789	1 374	1 231	5 891	5 230	661	588	5 272	4 559	713	643
Median age	30.3	31.6	24.9	24.7	28.9	29.9	23.2	22.7	31.8	33.2	26.2	26.2

Table 46. Educational Attainment and Labor Force Characteristics by Race: 1970 and 1960

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The State	1970			Percent			1960			Percent		
	Total	White	Negro and other races	Total	White	Negro and other races	Total	White	Negro and other races	Total	White	Negro and other races
YEARS OF SCHOOL COMPLETED												
Total persons, 25 years old and over	10 418 535	9 237 969	1 180 586	100.0	100.0	100.0	10 124 045	9 299 694	824 351	100.0	100.0	100.0
No school years completed	228 199	199 064	29 135	2.2	2.2	2.5	354 026	328 171	25 855	3.5	3.5	3.1
Elementary: 1 to 4 years	321 781	255 414	66 367	3.1	2.8	5.6	430 964	359 195	71 769	4.3	3.9	8.7
5 and 6 years	600 885	486 442	114 443	5.8	5.3	9.7	626 040	533 510	92 530	6.2	5.7	11.2
7 years	406 305	338 947	67 358	3.9	3.7	5.7	557 754	494 342	63 412	5.5	5.3	7.7
8 years	1 349 551	1 223 882	125 669	13.0	13.2	10.6	1 907 212	1 773 409	133 803	18.8	19.1	16.2
High school: 1 to 3 years	2 025 738	1 728 413	297 325	19.4	18.7	25.2	2 110 963	1 921 022	189 941	20.9	20.7	23.0
4 years	3 249 934	2 918 177	331 757	31.2	31.6	28.1	2 430 682	2 261 345	169 337	24.0	24.3	20.5
College: 1 to 3 years	997 627	918 735	78 892	9.6	9.9	6.7	804 304	759 705	44 599	7.9	8.2	5.4
4 years	650 007	613 625	36 382	6.2	6.6	3.1	506 473	488 777	17 696	5.0	5.3	2.1
5 years or more	588 528	555 270	33 258	5.6	6.0	2.8	395 627	380 218	15 409	3.9	4.1	1.9
Median school years completed	12.1	12.1	10.9	...	...	...	10.7	10.8	9.4	...	...	...
EMPLOYMENT STATUS												
Male, 14 years old and over	6 396 717	5 667 734	728 983	100.0	100.0	100.0	5 882 209	5 405 818	476 382	100.0	100.0	100.0
Labor force	4 616 254	4 129 215	487 039	72.2	72.9	66.8	4 595 110	4 230 471	364 639	78.1	78.3	76.5
Armed Forces	36 255	32 187	4 068	0.6	0.6	0.6	40 142	36 169	3 973	0.7	0.7	0.8
Civilian labor force	4 579 999	4 097 028	482 971	71.6	72.3	66.3	4 554 968	4 194 302	360 666	77.4	77.6	75.7
Employed	4 410 880	3 954 706	456 174	69.0	69.8	62.6	4 330 216	3 997 493	332 723	73.6	73.9	69.8
Unemployed	169 119	142 322	26 797	2.6	2.5	3.7	224 752	196 809	27 943	3.8	3.6	5.9
Not in labor force	1 780 463	1 538 519	241 944	27.8	27.1	33.2	1 287 090	1 175 347	111 743	21.9	21.7	23.5
Female, 14 years old and over	7 296 659	6 397 895	898 763	100.0	100.0	100.0	6 506 585	5 936 487	570 018	100.0	100.0	100.0
Labor force	2 896 707	2 491 918	404 789	39.7	38.9	45.0	2 404 340	2 122 033	282 307	37.0	35.7	49.5
Employed	2 761 237	2 378 029	383 208	37.8	37.2	42.6	2 269 246	2 006 961	262 285	34.9	33.8	46.0
Unemployed	134 524	113 157	21 367	1.8	1.8	2.4	134 121	114 215	19 906	2.1	1.9	3.5
Not in labor force	4 399 951	3 905 977	493 974	60.3	61.1	55.0	4 102 165	3 814 454	287 711	63.0	64.3	50.5
LABOR FORCE PARTICIPATION BY AGE												
Male: 14 and 15 years	36 480	33 041	3 439	10.4	11.0	7.0	25 572	24 224	1 348	10.8	11.1	7.1
16 and 17 years	93 889	86 306	7 583	28.9	30.6	17.7	72 859	68 477	4 382	30.3	30.7	24.7
18 and 19 years	144 506	128 630	15 876	50.3	51.5	42.6	109 252	99 155	10 097	62.1	61.9	64.0
20 to 24 years	462 263	408 640	53 623	74.9	75.8	68.7	364 245	324 994	39 251	84.0	84.1	83.1
25 to 34 years	998 914	864 839	134 075	92.6	93.8	85.4	997 829	901 484	96 345	94.6	95.4	87.2
35 to 44 years	978 226	860 068	118 158	94.3	95.4	87.0	1 077 755	982 629	95 126	95.7	96.3	89.6
45 to 64 years	1 677 830	1 537 288	140 542	88.7	89.5	80.7	1 697 045	1 590 273	106 772	90.3	90.8	83.3
65 years and over	224 146	210 403	13 743	27.7	27.9	25.1	250 553	239 235	11 318	34.1	34.0	35.8
Female: 14 and 15 years	17 734	15 135	2 599	5.3	5.2	5.5	10 424	9 667	757	4.5	4.6	3.9
16 and 17 years	72 072	65 627	6 445	22.8	24.0	14.9	51 669	48 590	3 079	21.5	22.0	16.0
18 and 19 years	146 358	129 878	16 480	47.6	48.9	39.3	116 388	105 504	10 884	56.2	56.7	52.4
20 to 24 years	419 599	363 310	56 289	56.9	57.6	52.6	261 883	227 443	34 440	52.4	52.0	55.1
25 to 34 years	490 242	388 891	101 351	41.6	39.8	50.3	412 854	342 109	70 745	36.5	34.3	51.9
35 to 44 years	536 833	444 578	92 255	48.0	46.6	55.6	534 146	459 813	74 333	43.3	41.5	58.8
45 to 64 years	1 685 971	968 061	117 910	50.6	50.2	54.4	906 592	825 625	80 967	44.5	43.7	55.2
65 years and over	127 898	116 438	11 460	11.1	10.8	15.3	110 384	103 282	7 102	11.9	11.7	18.5
WEEKS WORKED												
Total persons, 14 years old and over	13 693 375	12 065 629	1 627 746	100.0	100.0	100.0	12 388 705	11 342 305	1 046 400	100.0	100.0	100.0
Worked in previous year	8 366 350	7 386 555	979 795	61.1	61.2	60.2	7 580 317	6 900 503	679 814	61.2	60.8	65.0
50 to 52 weeks	4 907 822	4 381 152	526 670	35.8	36.3	32.4	4 590 126	4 219 085	371 041	37.1	37.2	35.5
48 and 49 weeks	538 698	443 083	95 615	3.9	3.7	5.9	420 706	370 162	50 544	3.4	3.3	4.8
40 to 47 weeks	806 940	692 541	114 399	5.9	5.7	7.0	706 504	630 077	76 427	5.7	5.6	7.3
27 to 39 weeks	616 880	536 157	80 723	4.5	4.4	5.0	613 273	543 518	69 755	5.0	4.8	6.7
14 to 26 weeks	637 253	567 309	69 944	4.7	4.7	4.3	582 679	523 528	59 151	4.7	4.6	5.7
13 weeks or less	858 757	766 313	92 444	6.3	6.4	5.7	667 029	614 133	52 896	5.4	5.4	5.1
Did not work in previous year	5 327 025	4 679 074	647 951	38.9	38.8	39.8	4 808 388	4 441 802	366 586	38.8	39.2	35.0
MAJOR OCCUPATION GROUP												
Male employed, 14 years old and over	4 410 880	3 954 706	456 174	100.0	100.0	100.0	4 330 216	(NA)	(NA)	100.0	(NA)	(NA)
Professional, technical, and kindred workers	689 024	649 615	39 409	15.6	16.4	8.6	512 883	(NA)	(NA)	11.8	(NA)	(NA)
Managers and administrators, except farm	487 499	467 521	19 978	11.1	11.8	4.4	525 438	(NA)	(NA)	12.1	(NA)	(NA)
Sales workers	335 945	321 091	14 854	7.6	8.1	3.3	333 869	(NA)	(NA)	7.7	(NA)	(NA)
Clerical and kindred workers	441 428	383 531	57 897	10.0	9.7	12.7	412 009	(NA)	(NA)	9.5	(NA)	(NA)
Craftsmen, foremen, and kindred workers	767 888	710 205	57 683	17.4	18.0	12.6	812 702	(NA)	(NA)	18.8	(NA)	(NA)
Operatives, except transport	434 264	378 583	55 681	9.8	9.6	12.2	518 175	(NA)	(NA)	12.0	(NA)	(NA)
Transport equipment operatives	234 078	195 518	38 560	5.3	4.9	8.5	235 424	(NA)	(NA)	5.4	(NA)	(NA)
Laborers, except farm	216 016	184 621	31 395	4.9	4.7	6.9	246 670	(NA)	(NA)	5.7	(NA)	(NA)
Farmers and farm managers	32 856	32 733	123	0.7	0.8	-	58 783	(NA)	(NA)	1.4	(NA)	(NA)
Farm laborers and foremen	23 769	22 555	1 214	0.5	0.6	0.3	37 449	(NA)	(NA)	0.9	(NA)	(NA)
Service workers, except private household	436 969	361 011	75 958	9.9	9.1	16.7	385 871	(NA)	(NA)	8.9	(NA)	(NA)
Private household workers	3 583	2 186	1 397	0.1	0.1	0.3	7 374	(NA)	(NA)	0.2	(NA)	(NA)
Occupation not reported	307 561	245 536	62 025	7.0	6.2	13.6	243 598	(NA)	(NA)	5.6	(NA)	(NA)
Female employed, 14 years old and over	2 761 237	2 378 029	383 208	100.0	100.0	100.0	2 269 346	(NA)	(NA)	100.0	(NA)	(NA)
Professional, technical, and kindred workers	436 831	392 564	44 267	15.8	16.5	11.6	283 843	(NA)	(NA)	12.5	(NA)	(NA)
Managers and administrators, except farm	92 573	86 064	6 509	3.4	3.6	1.7	86 725	(NA)	(NA)	3.8	(NA)	(NA)
Sales workers	171 918	162 503	9 415	6.2	6.8	2.5	150 667	(NA)	(NA)	6.6	(NA)	(NA)
Clerical and kindred workers	1 049 913	935 981	113 932	38.0	39.4	29.7	760 747	(NA)	(NA)	33.5	(NA)	(NA)
Craftsmen, foremen, and kindred workers	39 181	34 247	4 934	1.4	1.4	1.3	32 705	(NA)	(NA)	1.4	(NA)	(NA)
Operatives, except transport	310 039	261 715	48 324	11.2	11.0	12.6	381 736	(NA)	(NA)	16.8	(NA)	(NA)
Transport equipment operatives	9 774	8 952	822	0.4	0.4	0.2	3 010	(NA)	(NA)	0.1	(NA)	(NA)
Laborers, except farm	15 522	12 777	2 745	0.6	0.5	0.7	13 773	(NA)	(NA)	0.6	(NA)	(NA)
Farmers and farm managers	2 399	2 366	33	0.1	0.1	-	3 680	(NA)	(NA)	0.2	(NA)	(NA)
Farm laborers and foremen	4 352	4 052	300	0.2	0.2	0.1	6 512	(NA)	(NA)	0.3	(NA)	(NA)
Service workers, except private household	336 956	268 283	68 673	12.2	11.3	17.9	260 612	(NA)	(NA)	11.5	(NA)	(NA)
Private household workers	70 058	38 269	31 789	2.5	1.6	8.3	127 708	(NA)	(NA)	5.6	(NA)	(NA)
Occupation not reported	221 721	170 256	51 465	8.0	7.2	13.4	157 528	(NA)	(NA)	6.9	(NA)	(NA)

Table 148. Years of School Completed by Persons 14 Years Old and Over by Race, Sex, and Age: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The State
Urban and Rural
Standard Metropolitan Statistical Areas of 250,000 or More

	Total	Years of school completed														Median school years completed
			Elementary school					High school				College				
		None	1 and 2	3 and 4	5 and 6	7	8	1	2	3	4	1	2	3	4	5 or more	
THE STATE																	
Total																	
Total, 14 years old and over	13 693 375	256 341	88 373	254 473	660 813	569 585	1 721 910	1 011 856	1 190 137	989 036	4 065 342	568 949	621 950	294 939	769 318	630 255	12.0
14 to 19 years old	1 919 428	15 228	4 555	6 728	42 527	148 735	335 856	351 315	320 972	302 648	284 433	90 991	13 231	1 845	364	-	10.2
20 to 24 years old	1 355 392	12 914	3 241	6 541	17 401	14 545	36 503	48 347	67 083	74 924	530 975	127 218	157 711	97 215	118 947	41 827	12.7
25 years old and over	10 418 555	228 199	80 577	241 204	600 885	406 305	1 349 551	612 192	802 082	611 464	3 249 934	350 740	451 008	195 879	650 007	588 528	12.1
Male, 14 years old and over	6 396 717	108 004	40 676	116 750	311 857	286 871	795 799	492 985	566 091	471 110	1 650 919	274 660	314 960	145 189	403 199	417 647	12.0
14 to 19 years old	961 729	8 190	2 315	3 580	25 088	82 621	171 588	180 301	162 177	150 146	124 249	44 534	6 077	755	108	-	10.0
20 to 24 years old	617 327	6 344	1 539	3 041	7 851	7 206	18 215	23 882	30 722	34 773	210 913	64 036	76 892	50 681	54 890	26 342	12.8
25 years old and over	4 817 661	93 470	36 822	110 129	278 918	197 044	605 996	288 802	373 192	286 191	1 315 757	166 090	231 991	93 753	348 201	391 305	12.1
25 to 29 years old	577 835	5 636	1 774	3 563	10 686	8 904	23 598	26 621	36 540	32 838	203 865	34 011	39 579	18 383	60 145	71 692	12.7
30 to 34 years old	501 036	5 195	2 081	5 709	15 404	10 235	27 555	26 919	35 522	30 295	172 952	22 995	29 656	12 045	45 900	58 573	12.5
35 to 39 years old	496 690	5 242	2 376	6 717	19 280	12 704	32 740	28 218	37 707	29 773	160 940	19 523	29 178	9 740	45 744	56 808	12.5
40 to 44 years old	540 876	5 376	2 666	7 757	21 091	15 828	42 299	34 340	50 496	37 882	163 303	18 799	29 458	10 362	49 060	52 159	12.3
45 to 49 years old	536 077	5 100	2 956	8 066	21 389	17 100	46 430	32 142	47 951	42 118	172 169	19 750	27 712	9 611	41 450	42 133	12.3
50 to 54 years old	495 564	4 734	3 242	8 457	22 666	19 140	58 750	33 580	47 420	39 144	148 751	16 481	23 027	8 359	29 810	32 003	12.1
55 to 59 years old	460 582	5 600	3 240	11 076	29 853	25 797	83 517	33 237	40 743	27 947	106 427	12 896	18 802	8 081	24 910	28 456	10.9
60 to 64 years old	399 187	7 300	4 084	12 006	32 415	26 377	89 027	27 473	32 777	20 081	73 398	9 247	14 642	7 165	19 970	23 225	10.0
65 to 69 years old	302 968	8 604	3 796	13 036	33 945	24 100	77 354	19 618	19 767	11 534	46 669	5 224	8 966	4 468	13 578	12 309	8.9
70 to 74 years old	227 304	11 671	3 877	13 494	30 857	17 407	56 939	13 076	12 482	7 267	32 555	3 745	5 568	2 840	8 571	6 955	8.6
75 years old and over	279 542	29 012	6 730	20 248	41 332	19 452	67 787	13 578	11 787	7 312	34 728	3 419	5 403	2 699	9 063	6 992	8.3
Female, 14 years old and over	7 296 658	148 337	47 697	137 723	348 956	282 714	926 111	518 869	624 046	517 926	2 414 423	294 289	306 990	149 750	366 119	212 708	12.0
14 to 19 years old	957 699	7 038	2 240	3 148	17 439	66 114	164 268	171 014	158 795	152 502	160 184	46 457	7 154	1 090	256	-	10.3
20 to 24 years old	738 065	6 570	1 702	3 500	9 550	7 339	18 288	24 465	36 361	40 151	320 062	63 182	80 819	46 534	64 057	15 485	12.7
25 years old and over	5 600 894	134 729	43 755	131 075	321 967	209 261	743 555	323 390	428 890	325 273	1 934 177	184 650	219 017	102 126	301 806	197 223	12.1
25 to 29 years old	636 022	6 097	1 997	4 882	13 638	8 999	23 823	27 698	41 416	38 123	278 077	33 803	36 308	18 679	66 539	35 943	12.5
30 to 34 years old	542 527	5 736	2 254	7 314	16 758	10 296	27 285	27 728	40 147	34 728	237 560	23 499	27 101	15 609	42 223	26 291	12.4
35 to 39 years old	531 874	5 479	2 604	6 143	18 610	11 261	30 983	28 359	43 417	34 461	233 195	21 459	24 104	10 495	35 644	23 660	12.4
40 to 44 years old	587 299	5 737	3 063	8 503	20 823	13 153	39 079	34 067	52 101	42 106	252 734	21 659	25 492	10 560	33 601	24 621	12.3
45 to 49 years old	597 399	6 142	3 224	9 607	21 426	16 050	47 675	33 524	50 691	45 278	258 757	22 817	24 189	9 701	26 968	21 350	12.3
50 to 54 years old	563 436	6 501	3 326	9 166	23 981	19 483	71 016	37 600	50 912	39 969	212 453	17 437	20 308	8 665	23 738	18 881	12.1
55 to 59 years old	520 901	8 044	3 956	11 363	30 591	27 024	101 139	37 460	45 208	28 943	148 466	14 204	16 981	9 543	21 966	16 013	10.9
60 to 64 years old	464 759	10 411	4 458	14 109	36 043	27 764	105 607	32 014	37 515	22 235	108 092	10 834	13 951	8 869	19 451	13 406	10.1
65 to 69 years old	392 530	14 976	5 628	16 869	40 775	26 159	100 063	24 866	27 194	15 331	78 161	7 427	10 982	4 633	11 784	7 682	8.9
70 to 74 years old	321 153	21 588	5 542	16 462	39 527	21 432	82 000	17 205	19 086	11 165	56 990	5 127	8 821	3 173	8 396	4 639	8.7
75 years old and over	442 994	44 018	7 703	24 657	59 795	27 642	114 885	22 869	21 203	12 934	69 692	6 384	10 780	4 199	11 496	4 737	8.5
White																	
Total, 14 years old and over	12 065 629	221 373	70 159	201 690	533 671	474 320	1 541 011	857 825	1 015 973	831 890	3 622 781	521 017	575 979	275 922	727 627	595 291	12.1
14 to 19 years old	1 657 430	11 961	3 675	5 122	33 562	124 086	287 933	298 652	274 372	263 834	254 251	85 726	12 256	1 689	211	-	10.2
20 to 24 years old	1 170 230	10 348	2 567	5 071	13 667	11 287	29 196	37 076	49 116	54 225	450 353	114 456	146 804	92 352	113 691	40 021	12.8
25 years old and over	9 237 969	199 064	63 917	191 497	486 442	338 947	1 223 882	522 097	692 485	513 831	2 918 177	320 835	416 019	181 881	613 625	555 270	12.1
Male, 14 years old and over	5 667 734	91 736	31 822	91 393	253 524	242 085	713 165	422 412	487 521	401 858	1 469 514	232 774	293 605	135 728	382 693	397 185	12.1
14 to 19 years old	832 531	6 361	1 868	2 765	19 868	69 133	147 015	153 868	139 072	131 864	111 829	42 393	5 713	695	87	-	10.1
20 to 24 years old	539 247	5 261	1 234	2 369	6 319	5 804	14 989	18 655	22 651	25 486	179 610	58 229	72 116	48 289	52 806	25 429	12.9
25 years old and over	4 295 956	80 134	28 420	86 259	227 337	167 148	551 161	249 889	325 798	244 508	1 178 075	152 152	215 776	86 744	330 799	371 756	12.2
25 to 29 years old	497 698	4 616	1 394	2 687	8 332	7 022	19 183	21 137	28 384	24 537	172 111	30 492	36 352	16 727	56 645	68 079	12.8
30 to 34 years old	424 197	4 217	1 694	4 321	11 740	7 691	22 430	21 223	27 506	22 866	146 093	20 396	26 792	10 710	42 339	54 179	12.6
35 to 39 years old	426 696	4 182	1 788	5 051	14 378	9 555	26 450	22 984	30 226	23 495	139 781	17 651	26 582	8 734	42 622	53 217	12.5
40 to 44 years old	475 056	4 282	1 922	5 802	15 820	11 659	35 515	28 991	43 339	31 635	145 740	17 121	27 288	9 440	46 848	49 654	12.4
45 to 49 years old	477 498	3 805	2 053	5 646	15 531	12 992	39 352	27 188	42 680	37 349	157 616	18 242	26 045	8 873	39 956	40 170	12.3
50 to 54 years old	448 792	3 533	2 203	5 620	16 423	15 723	52 823	29 408	43 278	35 872	139 623	15 398	21 726	7 929	28 657	30 576	12.1
55 to 59 years old	422 674	4 399	2 237	7 722	23 517	22 650	77 933	30 309	38 084	25 760	100 090	12 326	18 062	7 730	24 146	27 709	11.2
60 to 64 years old	368 380	5 974	3 105	8 982	26 606	23 599	84 173	25 483	30 861	18 624	69 231	8 816	13 906	6 925	19 408	22 687	10.2
65 to 69 years old	279 428	7 148	2 836	10 390	29 377	21 987	73 568	18 056	18 603	10 725	43 934	4 957	8 535	4 316	13 077	11 919	8.9
70 to 74 years old	211 918	10 503	3 258	11 679	27 543	16 044	54 561	12 346	11 698	6 797	30 849	3 532	5 325	2 753	8 279	6 758	8.7
75 years old and over	263 619	27 475	5 930	18 359	38 070	18 226	65 173	12 764	11 139	6 848	33 007	3 221	5 163	2 607	8 529	6 808	8.4
Female, 14 years old and over	6 397 895	129 617	38 637	110 297	280 147	232 235	827 846	435 413	528 452	430 027	2 153 267	288 243	281 474	140 194	343 935	198 106	12.1
14 to 19 years old	824 899	5 600	1 807	2 357	13 694	54 953	140 918	144 784	135 300	131 970	142 422	43 333	6 543	994	224	-	10.4
20 to 24 years old	630 983	5 087	1 333	2 702	7 348	5 483	14 207	18 421	26 465	28 739	270 743	56 227	74 688	44 063	60 885	14 592	12.8
25 years old and over	4 942 013	118 930	35 497	105 238	259 105	171 799	672 721	272 208	366 687	269 323	1 740 102	168 683	200 243	95 137	282 826	183 514	12.1
25 to 29 years old	529 641	4 846	1 624	3 871	10 039	6 427	17 614	20 657	30 530	27 539	232 620	29 818	32 452	16 972	61 441	33 191	12.6
30 to 34 years old	447 524	4 514	1 747	5 913	12 588	7 255	20 566	20 383	30 206	24 723	203 126	20 574	23 746	12 201	38 785	23 634	12.5
35 to 39 years old	446 683	4 403	2 121	6 457	13 891	7 585	23 584	21 624	33 625	25 826	203 126	19 011	21 409	9 539	33 031	21 451	12.4
40 to 44 years old	506 694	4 430	2 517	6 660	14 856	9 273	30 675	27 097	43 194	34 065	227 880	19 451	22 882	9 531	31 277	22 906	12.4
45 to 49 years old	527 160	4 945	2 469	7 079	14 593	11 419	39 799	27 529	43 814	38 596	239 343	21 355	22 139	9 111	25 260	19 709	12.3
50 to 54 years old	504 561	5 155	2 415	6 465	16 330	15 153	62 612	32 242	45 381	35 167	199 548	16 392	18 993	8 303	22 602	17 802	12.2
55 to 59 years old	472 925	6 502	3 126	8 571	23 316	22 598	93 764	33 156	41 503	26 056	139 348	13 443	16 030	9 172	21 049	15 291	11.2
60 to 64 years old	425 252	8 731	3 453	10 873	28 998	23 843	99 306	29 217	34 528	20 234	102 184	10 322	13 111	8 680	18 802	12 970	10.2
65 to 69 years old	361 207	13 464	4 468	13 598	34 525	22 965	94 996	22 569	25 652	14 268	73 774	7 111	10 550	4 503	11 350	7 414	9.0
70 to 74 years old	301 174	20 170	4 822	14 144	35 256	19 604	78 663	16 173	18 034	10 570	54 493	4 987	8 533	3 080	8 740	4 505	8.7
75 years old and over	419 192	41 770	6 735	21 607	54 713	25 677	111 142	21 561	20 220	12 279	67 097	6 219	10 398	4 045	11 088	4 641	8.5

Table 148. Years of School Completed by Persons 14 Years Old and Over by Race, Sex, and Age: 1970—Continued

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The State Urban and Rural Standard Metropolitan Statistical Areas of 250,000 or More	Years of school completed																Median school years completed
		Elementary school						High school				College					
	Total	None	1 and 2	3 and 4	5 and 6	7	8	1	2	3	4	1	2	3	4	5 or more	
THE STATE – Continued																	
Negro																	
Total, 14 years old and over	1 488 361	25 786	16 522	46 101	115 825	89 492	168 787	145 187	165 812	149 849	415 093	42 659	40 810	15 526	29 539	20 983	10.8
14 to 19 years old	243 217	3 091	841	1 465	8 440	23 082	44 829	49 504	43 473	35 901	27 254	4 354	790	145	48	-	9.8
20 to 24 years old	168 185	2 246	622	1 318	3 211	2 994	6 806	10 574	17 034	19 498	75 781	10 807	8 914	3 614	3 671	1 095	12.3
25 years old and over	1 076 959	20 449	15 059	45 398	104 174	63 416	117 072	85 109	104 505	93 650	312 058	27 498	31 106	11 767	25 810	19 888	10.8
Male, 14 years old and over	659 009	12 192	8 330	23 187	52 538	41 726	76 399	66 187	73 980	65 830	169 330	19 211	18 680	7 735	13 345	11 221	10.7
14 to 19 years old	119 537	1 739	420	765	4 916	12 582	22 906	24 851	21 420	16 794	11 084	1 707	272	60	21	-	9.7
20 to 24 years old	70 410	951	296	609	1 409	1 305	2 994	4 933	7 637	8 655	29 243	4 809	3 804	1 770	1 449	546	12.2
25 years old and over	469 062	9 502	7 614	21 813	46 213	27 837	50 499	36 323	44 923	39 581	129 003	12 695	14 604	5 905	11 875	10 675	10.8
25 to 29 years old	72 305	949	356	826	2 071	1 789	4 037	5 125	7 818	7 951	30 046	3 286	2 902	1 320	2 321	1 508	12.2
30 to 34 years old	68 200	743	356	1 279	3 231	2 319	4 713	5 269	7 561	7 055	25 482	2 317	2 541	1 097	2 202	1 935	12.1
35 to 39 years old	62 710	750	524	1 544	4 386	2 915	5 788	4 866	7 110	6 045	19 997	1 698	2 342	881	2 017	1 847	11.6
40 to 44 years old	60 209	795	678	1 777	4 736	3 920	6 322	5 067	6 864	5 926	16 445	1 491	2 019	816	1 693	1 660	11.0
45 to 49 years old	53 410	923	809	2 144	5 261	3 887	6 575	4 653	5 009	4 538	13 667	1 414	1 503	643	1 033	1 351	10.5
50 to 54 years old	42 522	806	971	2 675	5 685	3 151	5 597	3 903	3 936	3 074	8 389	998	1 157	372	850	959	9.6
55 to 59 years old	34 046	757	904	3 091	5 719	2 941	5 123	2 663	2 502	2 072	5 757	530	667	288	571	461	8.7
60 to 64 years old	27 457	875	854	2 719	5 136	2 601	4 437	1 838	1 767	1 345	3 782	388	662	197	466	390	8.3
65 to 69 years old	20 860	944	878	2 393	4 098	1 965	3 467	1 435	1 067	764	2 478	235	391	129	346	270	8.0
70 to 74 years old	13 522	806	559	1 671	2 997	1 229	2 148	874	727	400	1 482	170	226	78	222	133	7.6
75 years old and over	13 820	1 154	725	1 694	2 893	1 120	2 292	730	562	411	1 478	168	194	84	154	161	7.4
Female, 14 years old and over	829 352	13 594	8 192	24 994	63 287	47 768	92 308	79 080	91 832	84 019	245 763	23 448	22 130	7 791	16 184	9 762	10.9
14 to 19 years old	123 680	1 352	421	700	3 524	10 500	21 923	24 653	22 053	19 107	16 170	2 647	518	85	27	-	9.9
20 to 24 years old	97 775	1 295	326	709	1 802	1 689	3 812	5 641	9 397	10 843	46 538	5 998	5 110	1 844	2 222	549	12.3
25 years old and over	607 897	10 947	7 445	23 585	57 961	35 579	66 573	48 786	59 582	54 069	183 055	14 803	16 502	5 862	13 935	9 213	10.9
25 to 29 years old	96 506	1 012	323	887	3 126	2 340	5 767	6 709	10 357	10 266	43 147	3 709	3 241	1 355	3 108	1 159	12.2
30 to 34 years old	86 699	936	424	1 183	3 608	2 754	6 230	6 881	9 478	9 651	34 862	2 708	2 816	1 152	2 392	1 624	12.1
35 to 39 years old	78 060	653	384	1 334	4 037	3 466	6 826	6 365	9 363	8 416	28 244	2 268	2 446	818	1 979	1 461	11.8
40 to 44 years old	74 402	740	478	1 561	5 292	3 683	7 832	6 655	8 561	7 795	23 302	2 062	2 338	884	1 839	1 380	11.3
45 to 49 years old	65 564	776	683	2 251	6 269	4 419	7 519	5 755	6 636	6 446	18 348	1 312	1 841	521	1 478	1 312	10.8
50 to 54 years old	55 096	901	853	2 429	7 160	4 182	8 013	5 184	5 379	4 629	12 183	967	1 188	322	861	845	9.8
55 to 59 years old	44 748	905	735	2 628	6 838	4 235	7 025	4 143	3 557	2 766	8 623	732	878	336	724	623	9.0
60 to 64 years old	37 121	1 101	897	3 078	6 718	3 823	6 006	2 696	2 855	1 931	5 604	485	792	170	573	392	8.5
65 to 69 years old	29 363	1 102	1 087	3 114	6 048	3 080	4 740	2 245	1 480	994	4 097	288	396	106	374	212	8.1
70 to 74 years old	18 601	1 073	664	2 228	4 105	1 764	3 138	963	1 008	570	2 309	117	248	80	210	124	7.7
75 years old and over	21 735	1 748	917	2 892	4 760	1 833	3 477	1 190	908	605	2 336	155	318	118	397	81	7.3
Persons of Puerto Rican Birth or Parentage																	
Total, 14 years old and over	557 885	34 627	16 997	43 261	67 836	43 011	78 263	67 895	56 318	41 226	97 275	7 676	6 678	2 551	3 862	2 210	9.1
14 to 19 years old	107 073	1 651	950	1 488	6 563	13 420	21 441	21 852	17 030	13 274	7 958	1 144	254	48	-	-	9.4
20 to 24 years old	80 722	1 804	1 005	2 215	5 160	3 744	6 989	9 336	9 841	7 615	26 537	2 635	920	944	601	176	11.0
25 years old and over	370 090	21 172	15 042	39 358	56 113	24 847	49 832	36 707	29 447	20 337	62 780	3 897	4 504	1 559	2 461	2 034	8.6
Male, 14 years old and over	257 196	8 482	6 999	17 533	28 816	20 345	36 173	33 798	27 815	20 240	43 502	3 848	3 527	1 307	1 584	1 383	9.3
14 to 19 years old	53 257	834	460	613	3 258	7 146	11 011	11 232	8 520	6 526	2 958	566	109	24	-	-	9.3
20 to 24 years old	35 385	729	432	1 033	2 160	1 486	3 220	4 504	4 631	3 523	10 648	1 279	987	441	251	61	10.9
25 years old and over	168 554	6 919	6 107	15 887	23 398	11 733	23 942	18 054	14 664	10 191	29 896	1 995	2 431	842	1 253	1 242	8.8
25 to 29 years old	34 787	700	693	1 256	2 870	2 124	4 058	4 890	4 094	3 021	9 077	664	609	246	328	167	10.2
30 to 34 years old	31 214	833	780	1 968	3 770	1 796	3 671	4 068	3 521	2 665	6 725	355	461	157	190	254	9.7
35 to 39 years old	26 916	762	693	2 020	4 153	1 777	3 540	3 340	2 547	1 513	4 995	356	562	129	267	262	9.2
40 to 44 years old	21 330	714	802	2 196	3 300	1 640	3 300	2 183	1 650	1 094	3 584	186	294	71	155	161	8.6
45 to 49 years old	16 922	678	829	2 100	2 475	1 385	3 095	1 244	1 176	823	2 377	234	188	102	100	116	8.3
50 to 54 years old	12 213	490	744	1 917	2 065	913	2 218	909	722	385	1 340	124	163	32	94	97	8.0
55 to 59 years old	9 522	609	523	1 811	1 608	761	1 857	620	407	287	770	47	42	62	40	78	7.3
60 to 64 years old	6 536	631	537	1 118	1 061	624	1 088	352	272	188	529	15	45	20	34	22	6.9
65 to 69 years old	4 062	404	154	706	1 055	415	527	204	154	91	205	9	47	19	25	47	6.5
70 to 74 years old	2 410	364	120	462	528	190	289	139	56	46	173	-	20	-	11	12	6.2
75 years old and over	2 642	734	232	333	513	108	299	115	65	78	121	5	-	4	9	26	5.1
Female, 14 years old and over	300 689	16 145	9 998	25 728	39 020	21 666	40 089	34 105	28 503	20 986	53 773	3 836	3 151	1 244	1 558	987	8.9
14 to 19 years old	53 816	817	490	875	3 305	6 274	10 430	10 620	8 510	6 748	5 000	578	145	24	-	-	9.4
20 to 24 years old	45 337	1 075	573	1 382	3 000	2 258	3 769	4 832	5 210	4 092	15 889	1 356	933	503	350	115	11.1
25 years old and over	201 536	14 253	8 935	23 471	32 715	13 114	25 890	19 653	14 783	10 146	32 884	1 902	2 073	717	1 208	792	8.3
25 to 29 years old	41 196	1 060	811	2 161	4 692	2 470	4 368	4 850	4 693	3 339	10 883	521	572	217	350	209	10.0
30 to 34 years old	35 760	1 320	963	3 055	5 044	2 335	4 065	4 488	3 326	2 323	7 453	415	476	150	212	135	9.2
35 to 39 years old	31 591	1 221	1 075	3 403	5 356	2 103	3 576	3 643	2 515	1 917	5 641	373	342	102	175	149	8.7
40 to 44 years old	25 278	1 216	1 399	3 132	4 698	1 846	3 851	2 231	1 483	1 014	3 630	252	250	87	110	79	8.1
45 to 49 years old	20 039	1 338	1 106	3 312	3 516	1 411	3 549	1 370	1 069	645	2 132	131	193	58	103	106	7.5
50 to 54 years old	14 064	1 299	1 024	2 510	2 708	995	2 164	789	662	291	1 281	58	79	47	100	57	6.7
55 to 59 years old	11 110	1 441	807	1 901	2 392	726	1 806	627	361	235	671	41	18	20	35	29	6.2
60 to 64 years old	8 555	1 436	654	1 754	1 598	536	1 085	329	318	177	513	34	30	6	57	28	5.6
65 to 69 years old	5 867	1 163	578	995	1 263	333	596	159	223	105	357	28	27	16	24	-	5.4
70 to 74 years old	3 373	841	248	581	644	172	406	92	73	40	174	33	42	7	20	-	5.1
75 years old and over	4 703	1 918	270	667	804	187	424	75	60	60	149	16	44	7	22	-	3.5

Appendix A.-5.

Estimated Post-Secondary Learning Audience* in
22-55 Age Group by State Education Department Region

	One-third of 22-55 Population, by Year		
	1970	1975	1985
Region 1--Western	212,897	222,788	237,771
Region 2--Genesee Valley	149,894	180,434	203,736
Region 3--Central	158,764	170,769	186,398
Region 4--Northern	31,147	33,938	37,056
Region 5--Northeast	187,470	201,421	219,188
Region 6--Mid-Hudson	243,133	266,920	306,056
Region 7--New York City	1,086,117	1,091,937	1,104,653
Region 8--Long Island	348,712	382,038	430,306
Totals	2,418,134	2,550,245	2,725,164

Source: "Guidelines," FY 1975, for Submission of Proposals under Title I of the Higher Education Act of 1965.

*Defined as the group <u>able and motivated</u> to take advantage of post-secondary learning opportunities.

Appendix B

1974 New York State Legislative Bills Concerning Senior Citizen Education

Carry-overs from 1973:

A.220	(Mr. Brown) (1/11/74). Provides tuition-free courses to persons over 60 years of age (State University of New York).
A.4432	(Mr. Levy) (1/11/74). Authorizes community colleges to waive tuition for residents 60 years of age or over.
A.5080	(Mr. DiFalco). Authorizes City University to provide persons 62 years of age or over up to 2 hours free instruction per week.
S.6417	(Mr. Beatty). Authorizes Medgar Evers College to waive tuition for Kings County residents over 60 years of age.

No action was taken on any of the above bills.

1974 Introductions:

A.8660 (S.7510)	(Mr. Hawley) (2/8/74). Permits persons 60 years of age or over to audit State University and community college courses free of charge. (Passed Assembly; died Senate Education Committee.)
A.9116	(Mr. H. J. Miller) (2/28/74). Gives persons 65 years of age and over financial aid of $20 per course for up to two non-credit and continuing education courses.
A.10239	(Mr. Stavisky) (3/21/74). Requires all public colleges to waive tuition and fees for matriculated students who are at least 60 years old.
S.9595-C	(Mr. Flynn) (5/21/74). Permits persons 60 years of age or over to audit State University and community college courses, upon a space-available basis, free of charge. (Passed by Legislature and Signed by the Governor) (Chapter 1002)

Thus, only S.9595-C, among the 1974 bills introduced, became law.

Appendixes C.-1. and C.-2.

Economically Disadvantaged

1. New York State Persons and Families Below Poverty Level, 1970*

Race and Ethnic Group	Income Below Poverty Level: Number	% of Total Population	1970 Total Population	Population 16 and Over
Total persons below poverty level:	1,985,954	11.1	18,236,967	13,010,472
White	1,448,772	9.3	15,885,867	11,479,442
Black	503,850	23.8	2,164,560	1,397,642
Puerto Rican	293,608	34.0	872,471	518,161
Other races	33,332	18.2	233,928	133,388
Total families below poverty level:	391,098	8.5	4,609,638	
White	284,644	7.0	4,069,135	
Black	100,219	20.1	497,950	
Puerto Rican	62,920	29.6	212,922	
Other races	6,235	14.7	Not Available	

2. Family Income Criteria for Designation of Poor and Near-Poor Families*

Family Size	Poor net annual family income not in excess of: Non-farm	Farm	Near-Poor net annual family income not in excess of: Non-farm	Farm
1	$2,100	$1,800	$2,625	$2,225
2	2,725	2,325	3,250	2,775
3	3,450	2,950	3,975	3,475
4	4,200	3,575	5,150	4,525
5	4,925	4,200	6,175	5,350
6	5,550	4,725	6,800	5,975
7	6,200	5,275	7,450	6,325

*Source: New York State Department of Labor, Annual Manpower Planning Report, FY 1975.

Appendix D

Title I, Higher Education Act of 1965: Educational Level, Median Age, and Ethnic Background of Participants and Hours of Instruction Received--1971 and 1972

	Median Age	Total Partici-pants	Data Avail-able on	Less Than Elem.	Elem.	Jr. H.S.	Sr. H.S.	Total Hrs.	Credit*	Credit % of Total	Non-Credit	% Com-pleting	Black	Span.	White
1971	34	2,002	926	77	7	218	** 471	23,034	10,164	44.4	12,870	77	437 55%	153 17%	231 26%
1972	32	1,147	684	2	4	138	*** 510	17,149	15,127	88	2,022	91	350 52%	194 29%	120 18%
1973 (est.)	****							39,600	31,350	79	8,250		*****		

*As of Fiscal 1971, college credit must be offered by Title I programs.

**Of those on whom data is available--50.9%.

***Of those on whom data is available--74.6%.

****Other data for 1973 not available until final reports completed.

*****Male and female participants evenly distributed.

Appendix E

MEMORANDUM IN SUPPORT OF AN "ACT TO AMEND THE EDUCATION LAW TO PROVIDE FULL SUPPORT FOR PROGRAMS IN POST-SECONDARY CONTINUING EDUCATION AND COMMUNITY SERVICE FOR DISADVANTAGED ADULTS AND MAKING AN APPROPRIATION THEREFOR."

Purpose of the bill:

To provide State funds to cover the costs of ongoing and proposed post-secondary community service/continuing education programs for educationally and economically disadvantaged adults.

Summary of the provisions of the bill:

A new section 6454 is added to Article 130 of the Education Law to provide supportive monies to qualified post-secondary education institutions such that two-thirds of the total costs of operating community service/post-secondary continuing education programs for disadvantaged adults will be met. Under this formula, the institutions will be required to supply the remaining one-third of the program costs by "in-kind" contributions. The appropriation will relieve the economically disadvantaged or poor adult of all tuition and standard fee charges. By the same token, the program support monies, by contract, would stipulate assignment to: appropriately qualified administrators, faculty, and counselors; facilities easily accessible to the disadvantaged adults to be served; and innovative programs designed to meet community needs.

Approved programs will have as their objectives the education of bypassed adults for greater participation in the State's socio-economic system and for active, knowledgeable roles in the solution of community problems. Each program's major objective would be the qualification of disadvantaged adults for entry-level and upper-level positions in those human service agencies which have social, health, housing, environmental, and criminal justice concerns. Such programs must include course credit, or life/work experience credit, or field work as acceptable components in training or qualifying these adults for community service.

Statement in support of the bill:

This bill is of particular significance for, although not limited to, urban ghetto areas where the acute problems generated by inadequate education, housing, and employment remain, despite the earlier spotlight of Federal Governmental attention.

Although post-secondary education has provided solutions to such community problems, only a small percentage of the population of disadvantaged adults has been served up to this time. The New York State Department of Labor's "Annual Manpower Planning Report" for Fiscal 1975 states that the "universe of need" includes 557,000 poor persons and 1,250,660 individuals. The latter are unemployed or under-employed because of their age, race, and educational level. The Title I, H.E.A.

1965 program for the years 1966-73 focused on the education of such disadvantaged adults; data on 16,187 of the 36,870 participants show that nearly 50 percent had no post-secondary education prior to program entry. For this same period, available data shows that 37 percent of the participant population may be classified as unemployed or under-employed.

The Labor Department projects that openings in white-collar occupations will continue to provide opportunities for the largest proportion of job-seekers. The educationally and economically disadvantaged adults will remain ineligible for such opportunities and will be incapable of contributing to their communities without the kinds of post-secondary continuing programs to be supported by this bill.

Budgetary implications of the bill:

This amendment to the Education Law is based on the assumption that Title I, H.E.A. 1965 will not be funded beyond the authorized 6/30/75 termination date of the Act. (Termination is also imminent for other Federally-funded community service projects such as the Model Cities program.) The requested State appropriation for 1975-80 is based on total annual amounts requested by successful Title I, H.E.A. 1965 proposals from 1967 to 1974, as opposed to the total sums available.

It is estimated that the following amounts must be appropriated in the years listed to provide the support required:

1975-76	$ 710,885
1976-77	1,500,000
1977-78	2,000,000
1978-79	2,500,000
1979-80	3,000,000

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